

ABSTRACT OF THE DISCLOSURE

A device for treating a fuel/coolant mixture in a fuel cell system. The fuel cell system is in particular a direct methanol fuel cell system. The fuel cell system is in particular a direct methanol fuel cell system. The fuel/coolant mixture circulates in a circuit system which has a mixture-conveying device, an anode chamber of a fuel cell and an ion exchanger. Furthermore, fuel is guided out of a tank into the circuit system via a line. In addition, a cation exchanger is arranged in the circuit system.